Docket No. 00862.002756.
Date: March 6, 2003

# NOTICE OF APPEAL FROM THE PRIMARY EXAMINER
## TO THE BOARD OF PATENT APPEALS AND INTERFERENCES

In re Application of: KEIICHI SAKAI

Application No.: 09/277,821

For: SERVER, SERVER SYSTEM, CLIENT, SERVER CONTROL METHOD AND STORAGE MEDIUM THEREFOR

Filed: March 29, 1999

Group Art Unit: 2152

**RECEIVED**

MAR 1 4 2003

Technology Center 2100

Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicant hereby appeals to the Board of Patent Appeals and Interferences from the decision dated <u>September 6, 2002</u> of the Primary Examiner finally rejecting claims <u>1-35.</u>

The item(s) checked below are appropriate.

1. ☐ A Petition for a _____ month extension of time to respond to the final rejection, together with the $_ extension fee under 37 C.F.R. §1.17, is filed _____.

2. ☒ A request for a three-month extension of time to respond to the final rejections is made in the Amendment After Final Rejection submitted herewith, and a check for the extesion fee of <u>$930.00</u> is submitted with the Amendment.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on

March 6, 2003
(Date of Deposit)

Joseph W. Ragusa
(Name of Attorney for Applicant)
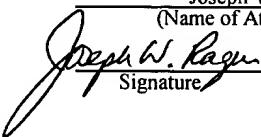
_Joseph W. Ragusa_          March 6, 2003
Signature          Date of Signature

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of $930.00 for payment of the extension fee is enclosed. Please charge any additional fee required for the extension, or credit any overpayment, to Deposit Account No. 06-1205.

A Notice of Appeal has been currently with this Amendment.

In response to that Office Action, the Examiner is respectfully requested to amend the above-identified application as follows:

action to and including March 6, 2003. A check in the amount of $930.00 for payment of the extension fee is enclosed. Please charge any additional fee required for the extension, or credit any overpayment, to Deposit Account No. 06-1205.

A Notice of Appeal has been currently with this Amendment.

In response to that Office Action, the Examiner is respectfully requested to amend the above-identified application as follows:

<u>IN THE CLAIMS</u>:

Please amend Claims 1, 8, 10, 12, 14, 19, 21, 23, 25, 30, 32, and 34 to read as follows.

1.     (Currently Amended) A server for making it possible for a remote client to control image sensing means via a network and for providing a transfer service to transfer video information, which has been captured by the image sensing means, to the client via said network, comprising:

input means for entering a request for information, identifying the client to which the video information captured by said image sensing means is transferred, <u>after the video information captured by said image sensing means is transferred</u>; and

notification means, responsive to the entered request, for reporting the information identifying the client.

2.     (Original) The server according to claim 1, wherein said image sensing means is a camera having a two-dimensional image sensing device.

3.     (Original) The server according to claim 1, wherein the transfer service is performed for a plurality of clients.

4.     (Original) The server according to claim 1, wherein control of the image sensing means includes optical control and orientation control.

5. (Original) The server according to claim 1, wherein said input means includes:

voice input means; and

recognition means for recognition a voice input by said voice input means.

6. (Original) The server according to claim 1, wherein the information reported by said notification means includes user names of connected clients.

7. (Original) The server according to claim 1 or 6, wherein said notification means reports by voice.

8. (Currently Amended) A method of controlling a server for making it possible for a remote client to control image sensing means via a network and for providing a transfer service to transfer video information, which has been captured by the image sensing means, to the client via the network, comprising:

an input step of entering, via prescribed input means, a request for information, identifying the client to which the video information captured by the image sensing means is transferred, after the video information captured by said image sensing means is transferred; and

a notification step, responsive to the entered request, of reporting, via prescribed notification means, the information identifying the client.

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9.      (Original) The method according to claim 8, wherein said image sensing means is a camera having a two-dimensional image sensing device.

10.      (Currently Amended) A storage medium storing program code which, by being read in and executed by a computer, functions as a server for making it possible for a remote client to control image sensing means via a network and for providing a transfer service to transfer video information, which has been captured by the image sensing means, to the client via said network, comprising:

program code functioning as input means for inputting a request for information, identifying the client to which the video information captured by said image sensing means is transferred, after video information captured by said image sensing means is transferred; and

program code functioning as notification means, responsive to the input request, for reporting the information identifying the client.

11.      (Original) The storage medium according to claim 10, wherein said image sensing means is a camera having a two-dimensional image sensing device.

12.      (Currently Amended) A system comprising at least one client terminal connected to a network, and a server for making it possible for said client terminal to control image sensing means via the network and for providing a transfer service to transfer video information, which has been captured by the image sensing means, to the client via said network, said server including:

input means for entering a request for information, identifying the client to which the video information captured by said image sensing means is transferred, after video information captured by said image sensing means is transferred; and

notification means, responsive to the entered request, for reporting the information identifying the client.

13.    (Original) The system according to claim 12, wherein said image sensing means is a camera having a two-dimensional image sensing device.

14.    (Currently Amended) A server for making it possible for a remote client to control image sensing means via a network and for providing a transfer service to transfer video information, which has been captured by the image sensing means, to the client via said network, comprising:

storage means for storing information relating to objects in a zone within which images can be sensed by controlling said image sensing means;

input means for entering a request for status information regarding said image sensing means, after the video information captured by said image sensing means is transferred; and

notification means responsive to the entered request for extracting, from said storage means, information relating to an object whose image is being sensed by said image sensing means, and reporting the extracted information.

15.    (Original) The server according to claim 14, wherein said image

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sensing means is a camera having a two-dimensional image sensing device.

16.    (Original) The server according to claim 14, wherein control of the image sensing means includes optical control and orientation control.

17.    (Original) The server according to claim 14, wherein said input means includes:

voice input means; and

recognition means for recognition a voice input by said voice input means.

18.    (Original) The server according to claim 14, wherein said notification means reports by voice.

19.    (Currently Amended) A method of controlling a server for making it possible for a remote client to control image sensing means via a network and for providing a transfer service to transfer video information, which has been captured by the image sensing means, to the client via said network, comprising:

a storage step of storing, in a prescribed storage device, information relating to objects in a zone within which images can be sensed by controlling said image sensing means;

an input step, of entering, from prescribed input means, a request for status information regarding said image sensing means, after the video information

captured by said image sensing means is transferred; and

a notification step, responsive to the entered request of extracting, from said storage device, information relating to an object in a field, of view in which image sensing is being performed by said image sensing means, and reporting the extracted information via prescribed output means.

20.    (Original) The method according to claim 19, wherein said image sensing means is a camera having a two-dimensional image sensing device.

21.    (Currently Amended) A storage medium storing program code which, by being read in and executed by a computer, functions as a server for making it possible for a remote client to control image sensing means via a network and for providing a transfer service to transfer video information, which has been captured by the image sensing means, to the client via said network, comprising:

program code functioning as storage means for storing information relating to objects in a zone within which images can be sensed by controlling said image sensing means;

program code functioning as input means for entering a request for status information regarding said image sensing means, after the video information captured by said image sensing means is transferred; and

program code functioning as notification means responsive to the entered request for extracting, from said storage means, information relating to an object in a field of view in which image sensing is being performed by said image sensing means,

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and reporting the extracted information.

22.     (Original) The storage medium according to claim 21, wherein said image sensing means is a camera having a two-dimensional image sensing device.

23.     (Currently Amended) A system comprising at least one client terminal connected to a network, and a server for making it possible for said client terminal to control image sensing means via the network and for providing a transfer service to transfer video information, which has been captured by the image sensing means, to the client via said network, said server including:

storage means for storing information relating to objects in a zone within which images can be sensed by controlling said image sensing means;

input means for entering a request for status information regarding said image sensing means, after the video information captured by said image sensing means is transferred; and

notification means responsive to the entered request for extracting, from said storage means, information relating to an object in a field of view in which image sensing is being performed by said image sensing means, and reporting the extracted information.

24.     (Original) The system according to claim 23, wherein said image sensing means is a camera having a two-dimensional image sensing device.

25.     (Currently Amended) A server for making it possible for a remote client to control image sensing means via a network and for providing a transfer service to transfer video information, which has been captured by the image sensing means, to the client via said network, comprising:

storage means for storing information relating to objects in a zone within which images can be sensed by controlling said image sensing means;

input means for entering a desired position in video being captured by said image sensing means, after the video information captured by said image sensing means is transferred; and

notification means for extracting, from said storage means, information relating to an object corresponding to the position entered by said input means, and reporting the extracted information.

26.     (Original) The server according to claim 25, wherein said image sensing means is a camera having a two-dimensional image sensing device.

27.     (Original) The server according to claim 25, wherein said input means enters coordinate data that has been designated by the client.

28.     (Original) The server according to claim 25 or 27, wherein said notification means reports to the client.

29.     (Original) A client connected to the server described in claim 25,

comprising:

display means for displaying video transferred from said server;

designation means for designating a desired position in the video displayed;

means for supplying the input means of said server with information representing the position designated by said designation means; and

output means for receiving and outputting information reported to it by the notification means of said server.

30.    (Currently Amended) A method of controlling a server for making it possible for a remote client to control image sensing means via a network and for providing a transfer service to transfer video information, which has been captured by the image sensing means, to the client via said network, comprising:

a storage step, of storing, in prescribed storage means, information relating to objects in a zone within which images can be sensed by controlling said image sensing means;

an input step, of entering a desired position in video being captured by said image sensing means, after the video information captured by said image sensing means is transferred; and

a notification step, of extracting, from said storage means, information relating to an object corresponding to the position entered at said input step, and reporting the extracted information via prescribed output means.

31. (Original) The method according to claim 30, wherein said image sensing means is a camera having a two-dimensional image sensing device.

32. (Currently Amended) A storage medium storing program code which, by being read in and executed by a computer, functions as a server for making it possible for a remote client to control image sensing means via a network and for providing a transfer service to transfer video information, which has been captured by the image sensing means, to the client via said network, comprising:

program code functioning as storage means for storing information relating to objects in a zone within which images can be sensed by controlling said image sensing means;

program code functioning as input means for entering a desired position in video being captured by said image sensing means, after the video information captured by said image sensing means is transferred; and

program code functioning as notification means for extracting, from said storage means, information relating to an object corresponding to the position entered by said input means, and reporting the extracted information.

33. (Original) The storage medium according to claim 32, wherein said image sensing means is a camera having a two-dimensional image sensing device.

34. (Currently Amended) A system comprising at least one client terminal connected to a network, and a server for making it possible for said client terminal

to control image sensing means via the network and for providing a transfer service to transfer video information, which has been captured by the image sensing means, to the client via said network, said server including:

storage means for storing information relating to objects in a zone within which images can be sensed by controlling said image sensing means;

input means for entering a desired position in video being captured by said image sensing means, after the video information captured by said image sensing means is transferred; and

notification means for extracting, from said storage means, information relating to an object corresponding to the position entered by said input means, and reporting the extracted information.

35.    (Original) The system according to claim 34, wherein said image sensing means is a camera having a two-dimensional image sensing device.

## REMARKS

This application has been reviewed in light of the Office Action dated September 6, 2002. Claims 1-35 are presented for examination. Claims 1, 8, 10, 12, 14, 19, 21, 23, 25, 30, 32, and 34 have been amended to define more clearly what Applicant regards as his invention. Claims 1, 8, 10, 12, 14, 19, 21, 23, 25, 30, 32, and 34 are in independent form. Favorable reconsideration is requested.

Claims 1-35 were rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,097,429 (*Seeley et al.*), in view of U.S. Patent No. 5,943,478 (*Aggarwal* et al.).

As shown above, Applicant has amended independent Claims 1, 8, 10, 12, 14, 19, 21, 23, 25, 30, 32, and 34 in terms that more clearly define the present invention. Applicant submits that these amended independent claims, together with the remaining claims dependent thereon, are patentably distinct from the cited prior art for at least the following reasons.

The aspect of the present invention set forth in Claim 1 is a server making it possible for a remote client to control image sensing means via a network and providing a transfer service to transfer video information, which has been captured by the image sensing means, to the client via the network. The server includes input means and notification means. The input means enters a request for information, identifying the client to which the video information captured by the image sensing means is transferred, after the video information captured by the image sensing means is transferred. The notification means, responsive to the entered request, reports the information identifying the client.

One important feature of Claim 1 is that the input means enters a request for

information, identifying the client to which the video information captured by the image sensing means is transferred, after the video information captured by the image sensing means is transferred. That is, video information is transferred before there has been a request for information has been entered by the input means. In other words, the input means enters a request for information while the video information captured by the image sensing means is transferred.

The applied art, alone or in combination, is not seen to disclose or suggest the invention as defined by independent Claim 1, particularly with respect to entering a request for information, identifying the client to which the video information captured by the image sensing means is transferred, after the video information captured by the image sensing means is transferred.

*Seeley et al.*, as understood by Applicant, relates to a video security system physically located at a site being protected. In particular, *Seeley et al.* relates to an interface between one or more cameras positioned about the protected site for monitoring purposes, and an alarm unit, as well as the interface between a camera and a remote operator. Apparently, *Seeley et al.* teaches that when the site control unit (SCU) provides an indication of an intruder at a facility, a video communications channel is open between the SCU and the central station (See Column 8, lines 53-67). When a non-imaging sensor triggers an alarm, a system operator can request a visual verification of the alarm condition from the nearest camera (See column 9, lines 6-9). That is, the image captured by a camera is transferred for the first time when an alarm has been triggered. However, nothing has been found in *Seeley et al.* that teaches or suggests input means entering a request for information, identifying the client to which the video information captured by

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the image sensing means is transferred, after the video information captured by the image

sensing means is transferred.

For at least this reason, independent Claim 1 is believed clearly patentable

over *Seeley et al.*, taken alone.

*Aggarwal et al.* is not seen to add anything to overcome the above-

mentioned deficiencies of *Seeley et al. Aggarwal et al.*, as understood by Applicant, relates

to a system for performing immediate point-to-point messaging over the Internet.

Apparently, *Aggarwal et al.* teaches a technique for displaying lists, indicating users that

are logged in. Nothing has been found in *Aggarwal et al.* that teaches or suggests input

means entering a request for information, identifying the client to which the video

information captured by the image sensing means is transferred, after the video information

captured by the image sensing means is transferred.

Therefore, even if *Seeley et al.* and *Aggarwal et al.* were to be combined in

the manner proposed in the Office Action, assuming such combination would even be

permissible, the resulting combination also would fail to teach or suggest at least those

features of Claim 1.

Accordingly, Applicant submits that Claim 1 is patentable over *Seeley et al.*

and *Aggarwal et al.*, whether considered separately or in combination, and respectfully

requests withdrawal of the rejection of Claim 1 under 35 U.S.C. § 103(a).

Independent Claims 8, 10, and 12 are method, storage medium, and system

claims respectively corresponding to server Claim 1, and are believed to be patentable for

at least the same reasons as discussed above in connection with Claim 1. Additionally,

independent Claims 8, 10, 12, 14, 19, 21, 23, 25, 30, 32, and 34 include a similar feature of

input means entering a request for information, identifying the client to which the video information captured by the image sensing means is transferred, after the video information captured by the image sensing means is transferred, as discussed above in connection with Claim 1. Accordingly, Claims 8, 10, 12, 14, 19, 21, 23, 25, 30, 32, and 34 are believed to be patentable for reasons substantially similar to those discussed above in connection with Claim 1.

The other rejected claims in this application depend from one or another of the independent claims discussed above, and, therefore, are submitted to be patentable for at least the same reasons. Since each dependent claim is also deemed to define an additional aspect of the invention, individual reconsideration of the patentability of each claim on its own merits is respectfully requested.

This Amendment After Final Action is believed clearly to place this application in condition for allowance and, therefore, its entry is believed proper under 37 C.F.R. § 1.116. Accordingly, entry of this Amendment, as an earnest effort to advance prosecution and reduce the number of issues, is respectfully requested. Should the Examiner believe that issues remain outstanding, it is respectfully requested that the Examiner contact Applicant's undersigned attorney in an effort to resolve such issues and advance the case to issue.

In view of the foregoing amendments and remarks, Applicant respectfully requests favorable reconsideration and early passage to issue of the present application.

Applicant's undersigned attorney may be reached in our New York Office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address listed below.

Respectfully submitted,
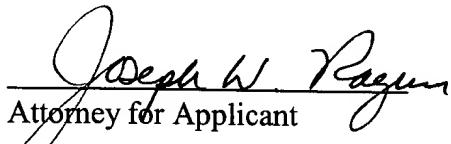
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